

NWS CHANGE FORM PART A			1. DATE SUBMITTED 22 November 1999	
This form is in three parts. Submitters must complete unshaded blocks in Part A and as much of Part B as possible. WSH will complete Part C (implementation details). If there is no specific required change date, enter 60 days from date submitted. Address questions to NWS Change Management at (301) 713-1373. Submit change requests to the NWSRC mailbox (External: NWSRC@noaa.gov).				
2. ORIGINATOR OFFICE NWS		3. SUBMITTING AUTHORITY Name: Ward Seguin Routing Code: W/APO1		4. COGNIZANT TECHNICAL INDIVIDUAL Name: Tracy Robinson Routing Code: W/APO1 Phone: 301-713-1570, x-129
5. ORIGINATOR TRACKING NUMBER RC_APO4a				7. WSH TRACKING NUMBER NWS 518
6. SYSTEMS AFFECTED BY CHANGE <div style="text-align: right;"><input type="checkbox"/> DATA PRODUCTS (Complete Data Products Supplement)</div> <div style="display: flex; justify-content: space-between;"><div><input type="checkbox"/> ASOS <input checked="" type="checkbox"/> AWIPS <input type="checkbox"/> CRS</div><div><input checked="" type="checkbox"/> NEXRAD <input type="checkbox"/> OTHER (specify) _____</div></div>				
8. TITLE OF CHANGE Asynchronous Scheduler version 4.3				
9. TYPE OF CHANGE <div style="display: flex; justify-content: space-around;"><input type="checkbox"/> HARDWARE <input checked="" type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENTATION ONLY</div>			10. SITES AFFECTED (Attach Part B, Page 2, if needed) SID: EAX PID: EAX Type: WFO-C Site Name: Kansas City/Pleasant Hill, MO, City: Pleasant Hill RG: CR ST: MO LnNo: DEV	
11. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM (Include problem report reference numbers.) Enhance the performance of Asynchronous Product Scheduler to improve data base access efficiency and to increase the process throughput. This change also includes the fix for the problem of the Asynchronous Product Scheduler process terminates upon request of product not in the text database.				
12. KNOWN OR PROPOSED SOLUTION (Include source and description of new features or data products.) Requirement in Block 11 above will be implemented through the modification of existing software. The software will be developed by the NWS and installed at site EAX as Asynchronous Product Scheduler software version 4.3.				
13. ALTERNATE SOLUTIONS None				
14. REQUIRED CHANGE DATE 29 Nov 1999		15. RATIONALE FOR REQUIRED CHANGE DATE (Include proposed priority, if known.) The Asynchronous Product Scheduler software version 4.3 is ready to be tested at a field site, and the proposed change date is the earliest possible date for the software to be installed at the selected field (i.e., EAX).		
CCB/PMC/CMB DECISION				
16. DECISION AUTHORITY LEVEL		<input type="checkbox"/> CCB LEVEL ONLY <input type="checkbox"/> PMC or NWS CMB DECISION REQUIRED		
17. CCB LEVEL DECISION		<input type="checkbox"/> APPROVED <input type="checkbox"/> RECOMMEND APPROVAL <input type="checkbox"/> DISAPPROVED		
		SIGNATURE DATE SIGNED		
FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED				
18. PMC OR NWS CMB DECISION		<input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED		
		SIGNATURE DATE SIGNED		

NWS CHANGE FORM

PART A - DATA PRODUCTS SUPPLEMENT

2. WSH TRACKING NUMBER

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This information is required for Data Products submissions. (Submitters should complete all applicable blocks, if known. WSH will assist.) Attach extra pages if necessary.

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NWS CHANGE FORM PART B		1. ORIGINATOR TRACKING NUMBER RC_APO4a	
All RC/ECP submissions must also address the following information. Indicate if any areas are unknown or do not apply. State why information is unknown and when it will be available. Attach extra pages if necessary, referencing each applicable subject.		2. WSH TRACKING NUMBER	
FUNDING INFORMATION			
Estimate costs and indicate known sources of funding. (Include travel time, installation time, administrative time, and software development time when applicable.)		3. SOURCE OF FUNDING	4. TOTAL COST \$
5. DEVELOPMENT COSTS (Estimate development costs) This cost is associated with Release 4.3 development		KMOD _____ BASE	AMOUNT
6. OPERATIONAL TEST AND EVALUATION COSTS (Estimate test and evaluation costs) N/A		BASE	AMOUNT \$0
7. PRODUCTION COSTS (Include acquisition, kit proofing, spares, delivery, and documentation costs)		KMOD _____ BASE	AMOUNT \$0
8. COMMUNICATIONS SERVICE/CIRCUITS COSTS (Include installation and recurring costs) N/A			AMOUNT \$0
9. IMPLEMENTATION SUPPORT COSTS (Include travel, installation, and administrative costs) Installation: Govt (1 APO engineer's salary amount for 3 hours = \$****)		KMOD _____ BASE	AMOUNT \$****
9A. LIFE CYCLE SUPPORT COSTS (Less communications service/circuits) Contractor (PRC) - NCF Operations		KMOD _____	AMOUNT Unknown
SUPPORTING INFORMATION AND SCHEDULES Provide detailed information needed to implement the requested change.			
10. DEVELOPMENT STATUS/SCHEDULE (Major milestones such as Start, Beta Test, and OT&E) N/A		11. PRODUCTION STATUS/SCHEDULE (Major milestones such as Solicitation, Contract Start Date, Delivery Date, Kit Proofing, etc.) N/A	
12. IMPLEMENTATION/RETROFIT SCHEDULE Start installing and testing on 29 Nov 99 at the following site: SID: EAX PID: EAX Type: WFO-C Site Name: Kansas City/Pleasant Hill, MO, City: Pleasant Hill RG: CR ST: MO LnNo: DEV		13. FACILITY INFORMATION (Attach facility drawings/plans.) N/A	
14. COMMUNICATIONS INSTALLED (Type required, who will order, and associated hardware required; attach Part B, Page 2, if needed.) N/A		15. COMMUNICATIONS SERVICE/CIRCUITS TO BE REMOVED N/A	
16. REQUIRED CLEARANCES, WAIVERS, AND LICENSES (Include person or organization responsible for obtaining each) N/A		17. COORDINATION OF CHANGE WITH OTHER CHANGES Requires AWIPS SW Ver 4.2 to be installed prior to implementation	
18. PHYSICAL ITEMS AND DOCUMENTS AFFECTED (Include part, serial, and document numbers. Attach Part B, Page 2, if needed.) See Attachment Part B		19. STAFF RESOURCE IMPACTS (Skills and workload impact on maintainers, operators, and managers.) No recurring workload impacts.	
20. LOGISTICS IMPACTS (Include facilities, maintenance, training, and support equipment impacts.) N/A		21. OPERATIONAL IMPACTS (Include continuity and back up needs and plans.) Service backup during software installation required (approximately one hour for basic installation).	
22. ADDITIONAL MAJOR CHANGE ACTIVITIES (Include who will accomplish each of them and staff hours required.) SST will coordinate with site EAX to push the R4.3 version of Asynchronous Product Scheduler to the site. SST and the APO Engineer will be available to site EAX for assistance. EAX is to implement change by 29 Nov 99.			

NWS CHANGE FORM

RC_APO4a

2. WSH TRACKING NUMBER

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NWS CHANGE FORM PART C		1. ORIGINATOR TRACKING NUMBER RC_APO4a	
WSH is responsible for Part C, but submitters may complete sections that would help clarify the change requirement or the necessary implementation actions.		2. WSH TRACKING NUMBER	
3. CCB COST EVALUATION <div style="display: flex; justify-content: space-between; margin-top: 10px;"> NWS COST \$ ***** FAA COST \$ DOD COST \$ OTHER AGENCY COST \$ TOTAL COST \$ ***** </div> <div style="text-align: center; margin-top: 5px;"> (SPECIFY) _____ </div>			
4. IMPLEMENTATION DOCUMENTS REQUIRED <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <input type="checkbox"/> Engineering Modification Note <input type="checkbox"/> Software Release Notes Other <input type="checkbox"/> Document (Specify) _____ </div>			
ADDITIONAL IMPLEMENTATION INSTRUCTIONS (e.g., Implementation schedule, parts shipping instructions, equipment disposal procedures, additional documentation required, and status reporting instructions.) Include documentation, data input, notification vehicle, or specific action step required to verify completion of the implementation activity.			
5. IMPLEMENTATION ACTIVITY REQUIRED	6. REQUIRED COMPLETION DATE	7. RESPONSIBLE PERSON AND OFFICE	8. DOCUMENT OR ACTION REQUIRED TO VERIFY COMPLETION
A. Coordinate implementation schedule with site EAX through SST	22 Nov 99	Thigpen/SST, W/APO3	N/A
B. NCF Push Asynchronous Product Scheduler Software Version 4.3 to site EAX as directed by SST	29 Nov 99	Thigpen/SST, W/APO3	See item C
C. Report implementation completion using NCF/SST data at AWIPS CCB meetings	15 Dec 99	Davidson, W/OSO112	N/A